SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG 220	**Collector Code:**	NCBG
Date(s) Collected (MM/DD/YY):	08/04/15	**Collector Name(s):**	EMILY DRISKILL, MAGGIE HERATY, LAUREN MAYNARD
		Collection Number:	220
		Alt. Collection Number:	MH3

COLLECTION DATA

Family:	POACEAE	**No. of Plants Sampled** (min. 50):	65
Genus:	PANICUM	**No. of Plants Found** (approx.):	500-5000
Species:	VIRGATUM	**Area Sampled** (acres):	2
Subspecies/Variety:		**Seeds Collected From:**	(Plants) Ground Both Unknown
Plant Habit:	Tree Shrub Forb Succulent (Grass/Grasslike)	**Plant Height** (feet):	4-5
Field Notes to assist in identification of pressed specimen (e.g. flower color):	PANICLE OPEN, SPIKELETS SHORT, 1ST GLUME 2/3 AS LONG AS SPIKELET		
Common Name(s) of Plants:	SWITCHGRASS	**NRCS PLANTS Code:**	PAVI2

LOCATION DATA

Ecoregion (Omernik Level III):	63	**State:**	NC	**County:**	TYRRELL
Subunit (BLM area, park name, etc.):	BUCKRIDGE COASTAL RESERVE	**Area within Subunit** (trail name, etc.):	ACCESS ROAD NORTH OFF OF ROAD 1314.		
Land Owner:	NC COASTAL & ESTUARINE RESERVES	**Non-BLM Permission Filed:**	(Y) N		
Location Details:	TAKE STATE ROUTE 64 EAST TO ROUTE 94. TAKE 94 SOUTH				
Source Used:	(GPS) Map None	**Accuracy:**	GPS (Within 5km) 6-20km More than 20km		
GPS Datum:	NAD83 NAD27 (WGS84) Other:				
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	35° 43' 37.3" N	**Elevation:**	5		
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 04' 44.7" W	**Unit** (ft or m):	FT		

HABITAT DATA

Associated Species (Scientific Name):	PERSEA PALUSTRIS, MORELLA CERIFERA, LIQUIDAMBAR STYRACIFLUA, PINUS TIATA, LESPEDEZA CUNEATA
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	ACCESS ROAD THROUGH SWAMP FOREST

Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:		
Land Form:	SWAMP	**Slope** (degrees):	0°

Land Use:	CONSERVATION	**Aspect:**	*N NE E SE S SW W NW*
Geology:	FINE - LOAMY, MIXED, THERMIC AQUIC HAPLUDULTS		
Soil Texture:	*Clay Silt* (Sand) *Other:* Loamy	**Soil Color:**	10 YR 4/3

HERBARIUM VOUCHERS

Number of pressed specimens:	2	**Date Voucher Taken:**	08/04/15
Herbaria Names (Smithsonian, Regional, Local):	AND U.S. HERBARIA NCU		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	MAGGIE HERATY		
Material Identified:	(*In Field*) *From Pressed Specimen on Day of Collection* *From Pressed Specimen on Another Date* *From Photograph*	**Date Identified** (MM/DD/YY):	08/04/15

PRE-COLLECTION CHECKLIST

This section is for your reference only and not required as part of the data collected by the SOS National Coordinating Office. The conditions indicated in **boldface** *describe ideal population size and seed dispersal stage for seed collecting.*

Assess Population & Seed Dispersal Stage

Approximate area of population: x (feet, yards, miles……)

Approximate total number of individual plants present and accessible: *0-50* *50-500* *500-5000* *> 5000*

Evidence of disturbance or damage: *Resown* *Burnt* *Sprayed* **No damage**

Readiness of population for collecting: give percentages or circle the most frequently occurring:
Vegetative *In flower* *Immature seeds* **Around natural dispersal** *Post dispersal*

Estimate the number of individual plants at natural dispersal stage: *<50* **>50**

Is the population:
A single population *A population with distinct sub-populations* (Can you sample separately or from the most suitable?)

Assess Seed Quality & Availability

On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage: **Recognized**

Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring:
Healthy *Insect-damaged* *Empty* *Moldy* *Malformed/other damage*

Estimate the number of healthy seeds per fruit:

Estimate the number of fruits per individual plant:

Should Seed Be Collected On This Trip?

Using the above information, if you only collect 20% of the healthy seeds available today, will this result in a collection of **>10,000** healthy seeds?